

AMENDMENTS TO THE CLAIMS

Claims 1-17 (Cancelled).

18. (New): A method of monitoring a virtual path in a ring configuration comprising:

originating at least one of operations, administrative and maintenance calls at a source network element on the virtual path; and

monitoring for the at least one of operations, administrative and maintenance calls at the source network element on the virtual path.

19. (New): The method of Claim 18, further comprising:

originating a second at least one of operations, administrative and maintenance calls at an intermediate network element on the virtual path; and

monitoring for the second at least one of operations, administrative and maintenance calls at the source network element on the virtual path.

20. (New): The method of Claim 18, further comprising performing statistical multiplexing on the virtual path.

21. (New): The method of Claim 18, wherein the virtual path is unidirectional.

22. (New): The method of Claim 18, wherein originating at least one of operations, administrative and maintenance calls comprises assigning the at least one of operations, administrative and maintenance calls to the virtual path.

23. (New): The method of Claim 18, wherein monitoring for the at least one of operations, administrative and maintenance calls comprises checking cells arrived at the source network element to find the at least one of operations, administrative and maintenance calls.

24. (New): The method of Claim 19, wherein originating a second at least one of operations, administrative and maintenance calls comprises assigning the second at least one of operations, administrative and maintenance calls to the virtual path.

25. (New): The method of Claim 19, wherein monitoring for the second at least one of operations, administrative and maintenance calls comprises checking cells arrived at the source network element to find the second at least one of operations, administrative and maintenance calls.

26. (New): A method of monitoring a virtual path in a ring configuration comprising:

originating at least one of operations, administrative and maintenance calls at an intermediate network element on the virtual path; and

monitoring for the at least one of operations, administrative and maintenance calls at a source network element on the virtual path.

27. (New): The method of Claim 26, further comprising performing statistical multiplexing on the virtual path.

28. (New): The method of Claim 26, wherein the virtual path is unidirectional.

29. (New): The method of Claim 26, wherein originating at least one of operations, administrative and maintenance calls comprises assigning the at least one of operations, administrative and maintenance calls to the virtual path.

30. (New): The method of Claim 26, wherein monitoring for the at least one of operations, administrative and maintenance calls comprises checking cells arrived at the source network element to find the at least one of operations, administrative and maintenance calls.

31. (New): A method of arranging a virtual path in a ring configuration comprising:

arranging a virtual circuit to permit transmission of at least one of operations, administrative and maintenance calls from a source network element to the source network element; and

arranging the source network element to monitor for the at least one of operations, administrative and maintenance calls.

32. (New): The method of Claim 31, further comprising:

arranging a second virtual circuit to permit transmission of a second at least one of operations, administrative and maintenance calls from an intermediate network element to the source network element; and

arranging the source network element to monitor for the second at least one of operations, administrative and maintenance calls.

33. (New): The method of Claim 31, further comprising arranging the source network element to perform statistical multiplexing on the virtual path.

34. (New): The method of Claim 31, wherein the virtual path is unidirectional.

35. (New): The method of Claim 31, wherein arranging a virtual circuit to permit transmission of at least one of operations, administrative and maintenance calls from a source network element to the source network element comprises originating the virtual circuit at the source network element and terminating the virtual circuit at the source network element to form a ring.

36. (New): The method of Claim 31, wherein arranging the source network element to monitor for the at least one of operations, administrative and maintenance calls comprises configuring the source network element to check cells arriving at the source network element to find the at least one of operations, administrative and maintenance calls.

37. (New): The method of Claim 32, wherein arranging a second virtual circuit to permit transmission of a second at least one of operations, administrative and maintenance calls from an intermediate network element to the source network element comprises originating the second virtual circuit at the intermediate network element and terminating the second virtual circuit at the source network element.

38. (New): The method of Claim 32, wherein arranging the source network element to monitor for the second at least one of operations, administrative and maintenance calls comprises configuring the source network element to check cells arriving at the source network element to find the second at least one of operations, administrative and maintenance calls.